

DETAILED ACTION

1. This action is responsive to the Appeal Brief filed on April 13, 2007. Claims 5, 11, 15 and 19-20 are cancelled. Claims 1-4, 6-10, 12-14 and 16-18 are pending. Claims 1-4, 6-10, 12-14 and 16-18 represent filtering network management messages.

2. EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Kurt M. Pankratz (Reg. No. 46,977), the attorney in record, gave authorization for this Examiner's Amendment over the telephone during an interview. The claims amendments are as follow:

PLEASE AMEND THE CLAIMS AS FOLLOWS:

1. (Currently Amended) A method for processing a network management message comprising:

receiving a network management message;

parsing the network management message into a plurality of fields; and

for each of a plurality of client consoles each having associated filtering criteria,

determining whether particular ones of the plurality of fields of the parsed network management message satisfy the filtering criteria associated with that client console; and

communicating the particular fields of the parsed network management message determined to satisfy the filtering criteria to that client console for display by that client console,

wherein the filtering criteria comprising a message type and a user type, wherein the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message.

2. (Original) The method of Claim 1, wherein the network management message comprises American Standard Code for Information Interchange (ASCII) text.

3. (Original) The method of Claim 1, wherein the filtering criteria for each of the client consoles comprise a message type.

4. (Original) The method of Claim 1, wherein the filtering criteria for each of the client consoles comprise a user type for the client console.

5. (Cancelled)

6. (Original) The method of Claim 1, further comprising:

receiving a request from a new client console, the request comprising an identifier for the new client console filtering options selected for the new client console; determining a user type for the new client console based on the identifier; and generating filtering criteria for the new client console based on the filtering options and the user type.

7. (Original) The method of Claim 6, further comprising generating an entry in a filter table comprising the identifier and the filtering criteria.

8. (Original) The method of Claim 1, wherein the network management message comprises a response from a command issued by a client, further comprising:
determining a message identifier from the fields;

determining a client identifier associated with the message identifier;
identifying the client based on the client identifier;
generating a second message comprising the fields and the client identifier; and
communicating the second message to the client.

9. (Currently Amended) A Computer readable media storing logic ~~Logic~~ for processing a network management message, the logic ~~encoded in a storage medium and operable when executed~~ to:

receive a network management message;
parse the network management message into a plurality of fields; and
for each of a plurality of client consoles each having associated filtering criteria,
determine whether particular ones of the plurality of fields of the parsed network management message satisfy the filtering criteria associated with that client console;
and
communicate the particular fields of the parsed network management message determined to satisfy the filtering criteria to that client console for display by that client console,

wherein the filtering criteria comprising a message type and a user type, wherein the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message.

10. (Currently Amended) The computer readable media ~~logic~~ of Claim 9, wherein the network management message comprises American Standard Code for Information Interchange (ASCII) text.

11. (Cancelled)

12. (Currently Amended) The computer readable media ~~logic~~ of Claim 9, further operable when executed to:

receive a request from a new client console, the request comprising an identifier for the new client console filtering options selected for the new client console;

determine a user type for the new client console based on the identifier; and

generate filtering criteria for the new client console based on the filtering options and the user type.

13. (Currently Amended) The computer readable media ~~logic~~ of Claim 9, wherein the network management message comprises a response from a command issued by a client, the logic further operable when executed to:

determine a message identifier from the fields;

determine a client identifier associated with the message identifier;

identify the client based on the client identifier;

generate a second message comprising the fields and the client identifier; and

communicate the second message to the client.

14. (Currently Amended) An apparatus for processing a network management message comprising:

means for receiving a network management message;

means for parsing the network management message into a plurality of fields;

and

for each of a plurality of client consoles each having associated filtering criteria,

means for determining whether particular ones of the plurality of fields of the parsed network management message satisfy the filtering criteria associated with that client console; and

means for communicating the particular fields of the parsed network management message determined to satisfy the filtering criteria to that client console for display by that client console,

wherein the filtering criteria comprising a message type and a user type, wherein the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message.

15. (Cancelled)

16. (Original) The apparatus of Claim 14, further comprising:

means for receiving a request from a new client console, the request comprising an identifier for the new client console filtering options selected for the new client console;

means for determining a user type for the new client console based on the identifier; and

means for generating filtering criteria for the new client console based on the filtering options and the user type.

17. (Original) The apparatus of Claim 14, wherein the network management message comprises a response from a command issued by a client, further comprising:

means for determining a message identifier from the fields;

means for determining a client identifier associated with the message identifier;

means for identifying the client based on the client identifier;

means for generating a second message comprising the fields and the client identifier; and

means for communicating the second message to the client.

18. (Currently Amended) A communication system comprising:

a client operable to generate a common object request broker architecture (CORBA) command targeted at a network element and to communicate the CORBA command to a server;

the server operable to receive the CORBA command, to determine fields for a transaction language 1 (TL1) command based on the CORBA command, to generate the TL1 command using the fields, to communicate the TL1 command to the network element, and, for each of a plurality of client consoles each having associated filtering criteria,

determining whether particular ones of the plurality of fields of a parsed network management message satisfy the filtering criteria associated with that client console and to communicate the particular fields of the parsed network management message determined to satisfy the filtering criteria to that client console for display by that client console,

wherein the filtering criteria comprising a message type and a user type, wherein the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message.

19-20. (cancelled)

Allowable Subject Matter

3. Claims 1-4, 6-10, 12-14 and 16-18 are allowed.

4. Pursuant to 37 C.F.R 1.109 and MPEP 1302.14, the following is an Examiner's statement of reasons for allowance:

The prior arts in record fail to teach "for each of a plurality of client consoles each having associated filtering criteria, the filtering criteria comprising a message type and a user type, wherein the fields satisfy the filtering criteria if a value for a selected one of the fields matches the message type and the user type indicates an authorization to receive the message, as recited in independent claims 1, 9, 14 and 18". After an update search of class, subclass and cross-reference, Examiner came to conclusion that the case is allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to El Hadji M Sall whose telephone number is 571-272-4010. The examiner can normally be reached on 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/El Hadji M Sall/

Examiner, Art Unit 2157

/Ario Etienne/
Supervisory Patent Examiner, Art Unit 2157